



Full Size or Largest Size Plans

Site Plan

Landscape Plan

Elevations

PROJECT TEAM

PROJECT OWNER

COMPANY: AT&T
ADDRESS: 1355 WEST UNIVERSITY DRIVE
CITY, STATE, ZIP: MESA, AZ 85201-5419
SAQ CONTACT NAME: SHAH KHALID
CONSTRUCTION CONTACT NAME: ROBERT F HOFRICHTER

TOWER OWNER

COMPANY: CROWN CASTLE
ADDRESS: 2000 CORPORATE DRIVE
CITY, STATE, ZIP: CANONSBURG, PA 15317

TOWER INFORMATION:

CROWN CASTLE SITE NAME: SCOTTSDALE PIMA INN
AT&T SITE NAME: SCOTTSDALE PIMA INN
BU NUMBER: 846027
APPLICATION NUMBER: 482635
JDE JOB NUMBER: 561664

APPLICATION PROJECT MANAGER: GABRIEL DALEY (480) 735-6929
AE PROJECT MANAGER: ANDREW MAGOON (602) 845-1783
CONSTRUCTION MANAGER: TROY BOSWORTH (480) 735-6905
RES: JOY FICHIERA

A&E FIRM:

COMPANY: TELCYTE INFRASTRUCTURE SERVICES
ADDRESS: 2227 W. PECOS ROAD SUITE 4
CITY, STATE, ZIP: CHANDLER, AZ 85227
E-MAIL: cwolfe@telcyte.com

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS: Paul J. Ford & Company
02/28/19
MOUNT ANALYSIS: BY OTHERS

INSTALLER NOTE:

TOWER DOES NOT HAVE CLIMBING
FACILITIES - MANLIFT REQUIRED
FOR ELEVATED WORK.

GENERAL NOTES

DO NOT SCALE DRAWINGS

CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE; NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED.

CONTACT INSPECTION DEPARTMENT IN SCOTTSDALE FOR PRE-CON MEETING.

PRE-CONSTRUCTION MEETING REQUIRED, CONTACT CITY OF SCOTTSDALE INSPECTION SERVICES 480-312-5796.

SITE INFORMATION

LATITUDE: 33.5442472
LONGITUDE: -111.8923528
LAT./LONG. TYPE: NAD 83
GROUND ELEVATION: 1299.2' MSL
APN #: 174-08-939
AREA OF CONSTRUCTION: EXISTING
ZONING/JURISDICTION: CITY OF SCOTTSDALE
CURRENT ZONING: R-5
EXISTING USE: UNMANNED TELECOMMUNICATIONS FACILITY
COUNTY: MARICOPA COUNTY
HANDICAP REQUIREMENTS: FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS NOT REQUIRED.

CALL ARIZONA ONE CALL
(800) 782-5348
CALL 3 WORKING DAYS
BEFORE YOU DIG!

AZL00217 138903/380831 344401

SCOTTSDALE PIMA INN

7330 NORTH PIMA ROAD

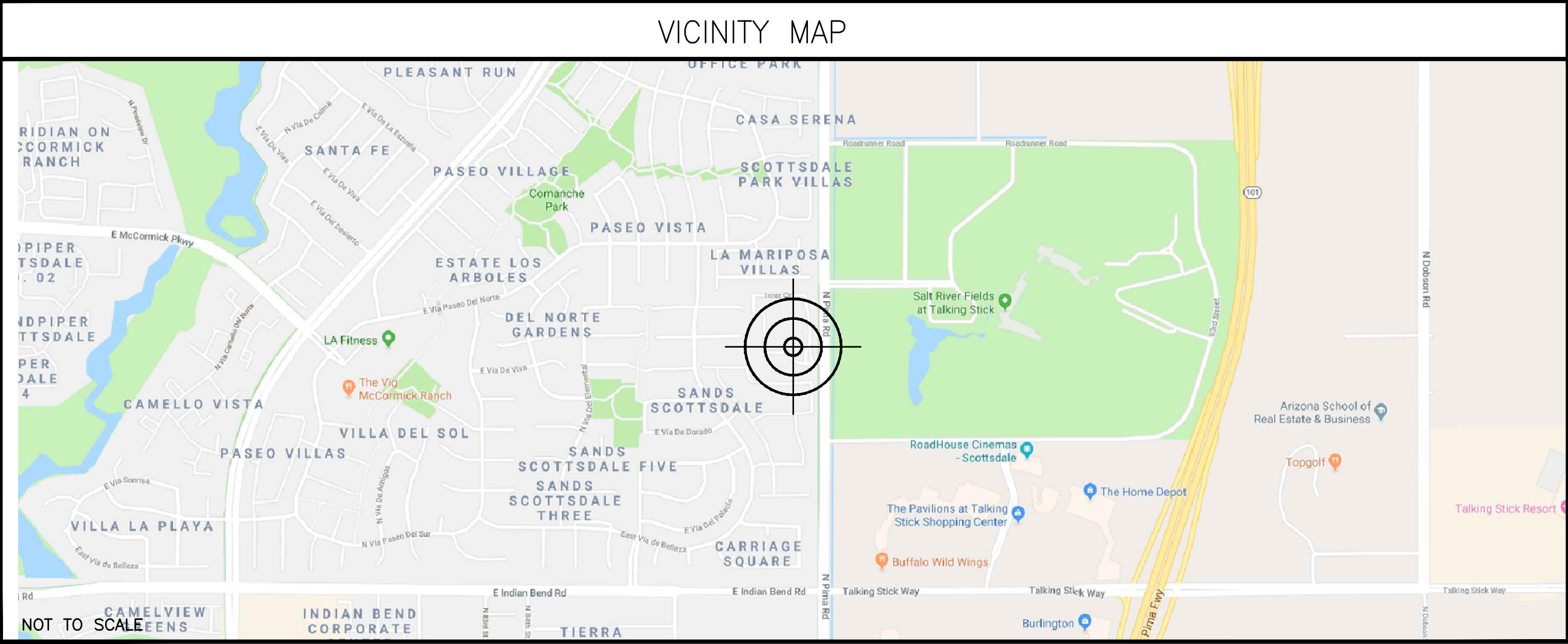
SCOTTSDALE, AZ 85258

FA: 10091225

USID: 10785

PTN: 3901A0J32E BWE, 3901A0BC3R LTE 5C

AZL00217



DRIVING DIRECTIONS

FROM AT&T OFFICE: 1355 WEST UNIVERSITY DRIVE, MESA, AZ 85201-5419:
HEAD EAST TOWARD W UNIVERSITY DR 226 FT, TURN LEFT TOWARD W UNIVERSITY DR 131 FT, TURN LEFT ONTO W UNIVERSITY DR 1.8 MI, TURN RIGHT ONTO N PRICE RD 0.5 MI, USE THE MIDDLE 2 LANES TO TAKE THE RAMP ONTO AZ-101 LOOP N 0.3 MI, MERGE ONTO AZ-101 LOOP N 7.0 MI, TAKE EXIT 44 FOR INDIAN BEND RD 0.3 MI, USE THE LEFT 2 LANES TO TURN LEFT ONTO TALKING STICK WAY 0.6 MI, TURN RIGHT ONTO N PIMA RD 0.4 MI, TURN LEFT ONTO INNER CIR 167 FT, TURN RIGHT TO STAY ON INNER CIR. DESTINATION WILL BE ON THE LEFT 479 FT.

CODE COMPLIANCE

BUILDING CODE: INTERNATIONAL BUILDING CODE 2015
ELECTRICAL CODE: NATIONAL ELECTRICAL CODE 2014
LIGHTNING PROTECTION CODE: NFPA 780 - 2014, LIGHTNING PROTECTION SYSTEM

SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION. THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

RFDS DATA

DESIGN PACKAGE BASED ON RF DATA SHEET
RFDS NAME: AZL00217
REVISION: 1.00
ISSUED: 01/09/2019

NUMBER OF SECTORS: 3
NUMBER OF ANTENNAS: 6
NUMBER OF TMAs: 4
NUMBER OF RRHs: 9
NUMBER OF FIBER/DC SQUIDS: 1
NUMBER OF DC SQUIDS: 1
NUMBER OF OPTICAL TRUNK CABLES: 1
NUMBER OF DC TRUNK CABLES: 4
NUMBER OF RF CABLES: 14
NUMBER OF RET CABLES: 1
NUMBER OF WCS FILTER: 1

APPROVALS

AT&T (RF): _____ DATE: _____
AT&T (CONST.): _____ DATE: _____
AT&T (SAM): _____ DATE: _____
LANDLORD: _____ DATE: _____
LANDLORD: _____ DATE: _____

JURISDICTIONAL APPROVAL

PROJECT DESCRIPTION

THIS PROJECT WILL BE COMPRISED OF:
CHANGES ON THE EXISTING MONOPALM:
• REMOVE (1) ANTENNA PER SECTOR, TOTAL OF (3)
• REMOVE (1) RRH PER SECTOR, TOTAL OF (3)
• REPLACE (1) ANTENNA PER SECTOR, TOTAL OF (3)
• REPLACE (2) RRHs PER SECTOR, TOTAL OF (6)
• RELOCATE (1) RRH PER SECTOR, TOTAL OF (3)
• PALM TO BE REFRONDED WITH 93 FRONDS: 60% 10 FT FRONDS, 40% 8 FT FRONDS
• MONOPALM NOT TO BE LEFT "UNFRONDED" FOR ANY PERIOD OF TIME

CHANGES IN THE EXISTING AT&T EQUIPMENT ENCLOSURE AREA:
• INSTALL (1) EA. NEW -48VDC PURCELL FLX21 CABINET.

AC/DC SCOPE:
DC POWER PLAN REVIEW:
• REPLACE (E) POWER PLANT W/(1) NEW NETSURE 512 -48VDC POWER PLANT [NEQ15917] OUTFITTED WITH (9) EA. HE 2KW -48VDC RECTIFIERS [NEQ15930] & (3) EA. HE 1.5KW -48VDC/+24VDC CONVERTER MODULES [NEQ15929].
• DC BREAKER;
(2) 15A 7705 SIAD [NEQ.00706]
(3) 150A UMTS [NEQ.00714]
(1) 100A BBU [NEQ.00187]
(3) 50A AIRSCALE DUAL RRH B12/14 [NEQ.00710]
(3) 50A AIRSCALE DUAL RRH B25/66 [NEQ.00710]
(3) 20A RRH 4X25 - WCS [NEQ.00466]
(2) 60A FUSE PANEL [NEQ.00711]
• INSTALL NEW VERTIV BATTERY CABINET. REMOVE EXISTING ALPHA CABINETS
INSTALL (16) MARATHON M12V170FT BATTERIES I.E. (4) STRINGS @ -48VDC FOR OF A TOTAL OF 4.3 HRS OF BATTERY RESERVE.

BATTERY CHECK:
• REMOVE ALL EXISTING BATTERIES AND REPLACE WITH 4 STRINGS 170 AH

A/C PANEL REVIEW:
• SEE PANEL SCHEDULE

HVAC UNITS:
• NO WORK - OUTDOOR EQUIPMENT

SHEET	DESCRIPTION
T-1	TITLE SHEET
A-1	SITE PLAN
A-2	EQUIPMENT & ANTENNA LAYOUTS
A-3	ELEVATIONS - EXISTING & NEW
E-1	ELECTRICAL PANEL & GROUNDING PLAN
	DRAWINGS HAVE BEEN FORMATTED FOR 22"x34" CONTRACTOR TO REFERENCE PACKAGE "B" FOR SCHEMATICS, WIRING DIAGRAMS AND DETAILS.

1355 WEST UNIVERSITY DRIVE
MESA, AZ 85201-5419

THE INFORMATION CONTAINED IN THIS SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO AT&T WIRELESS
ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED

2055 SOUTH STEARMAN DRIVE
CHANDLER, AZ 85286

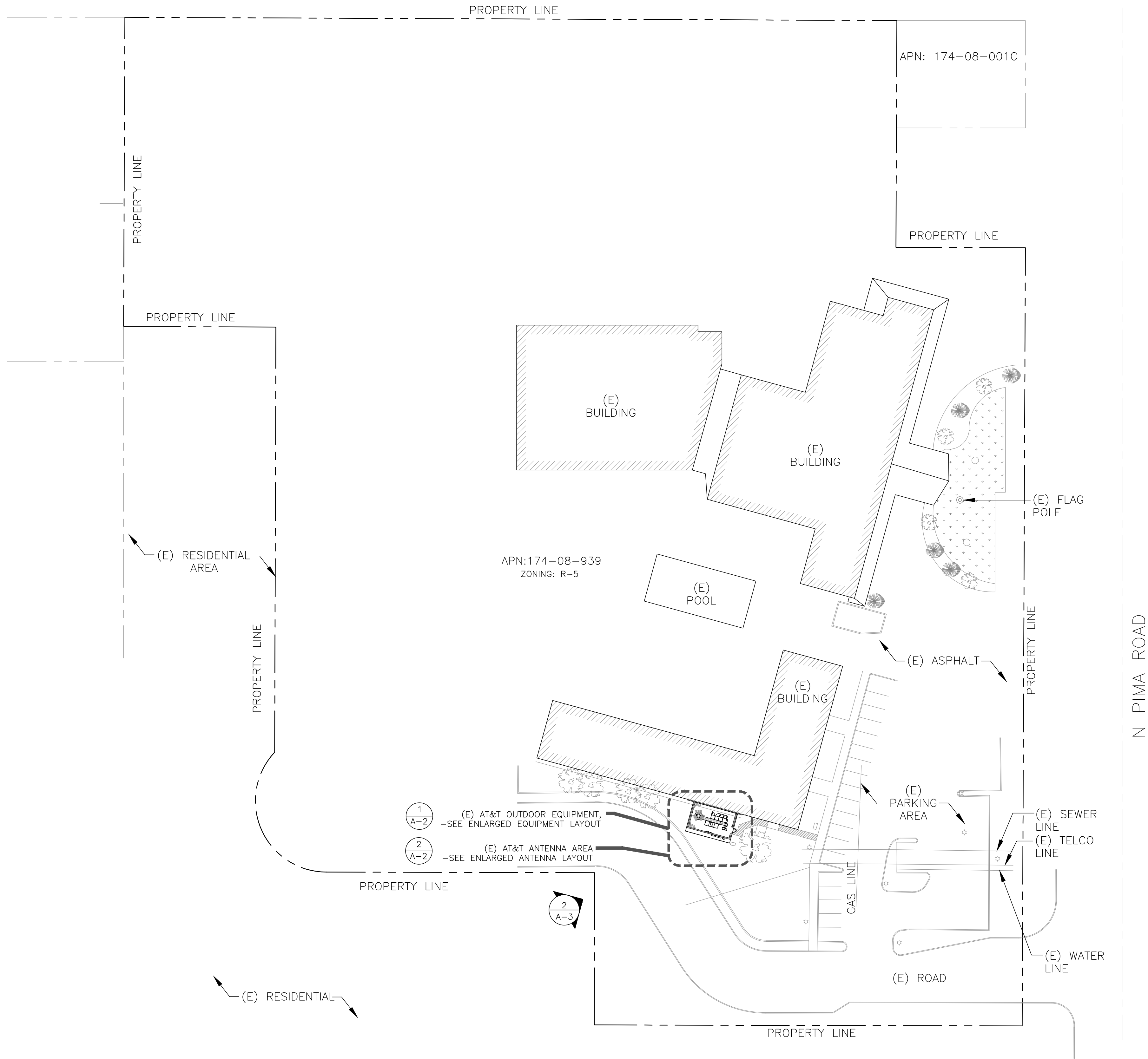
2	05/13/19	SCPT UPDATE
1	04/26/19	SUBMITTAL CD'S
0	03/18/19	SUBMITTAL CD'S
REV.	DATE	REVISION DESCRIPTION

PROJECT INFORMATION:
846027
AZL00217
SCOTTSDALE PIMA INN
7330 NORTH PIMA ROAD
SCOTTSDALE, AZ 85258
MARICOPA COUNTY

DRAWN BY: APR
SHEET TITLE: TITLE SHEET
SHEET NUMBER: T-1

CHECKED BY: CW
REV.: 2

38-UP-2011#2
05/17/2019



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MESA, AZ 85201-5419

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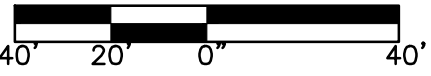
DRAWN BY: APR	CHECKED BY: CW
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SHEET TITLE:
SITE PLAN

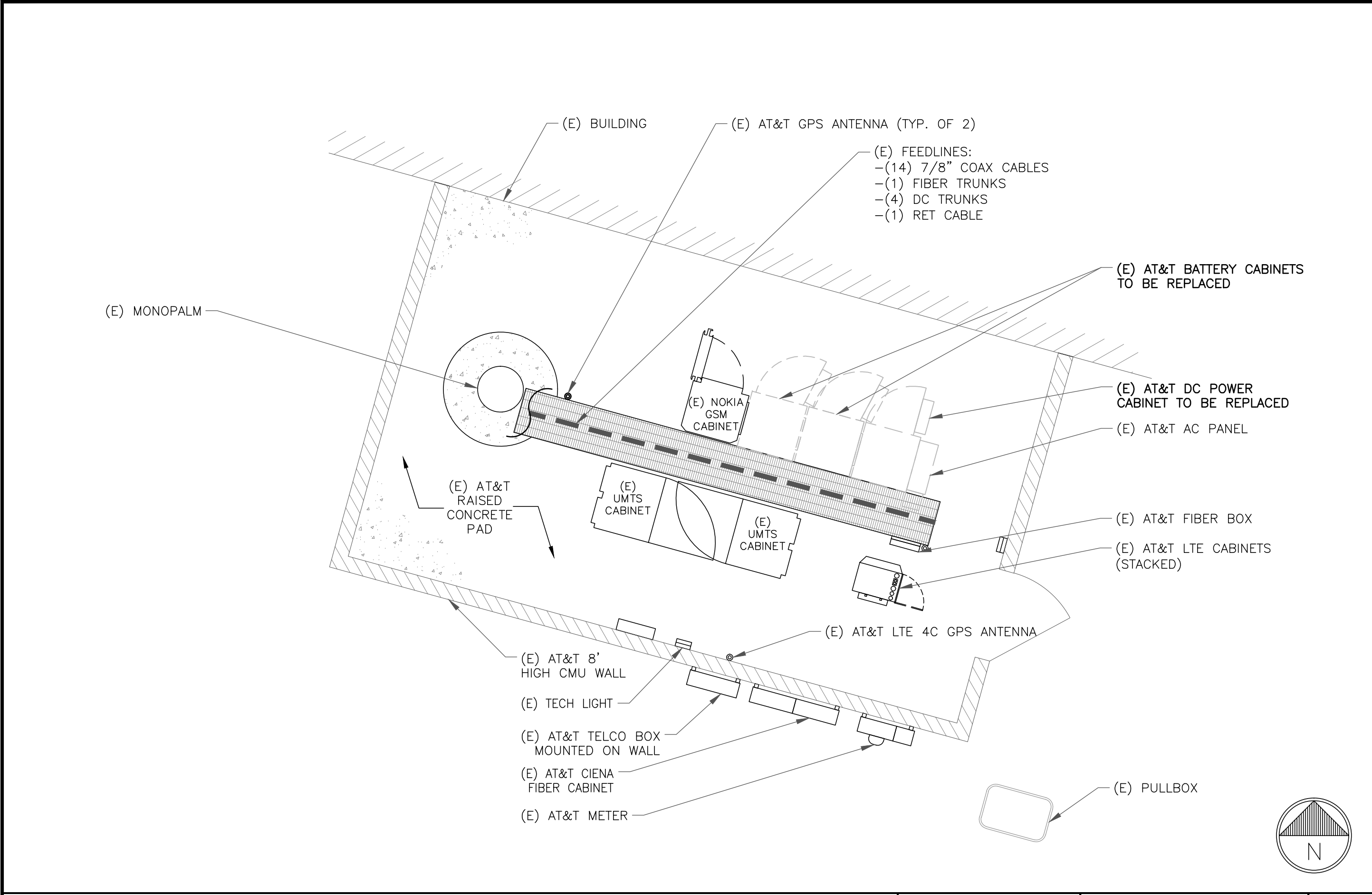
SHEET NUMBER: A-1	REV.: 2
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SITE PLAN

22"x34" SCALE: 1" = 40'-0"
11"x17" SCALE: 1" = 80'-0"



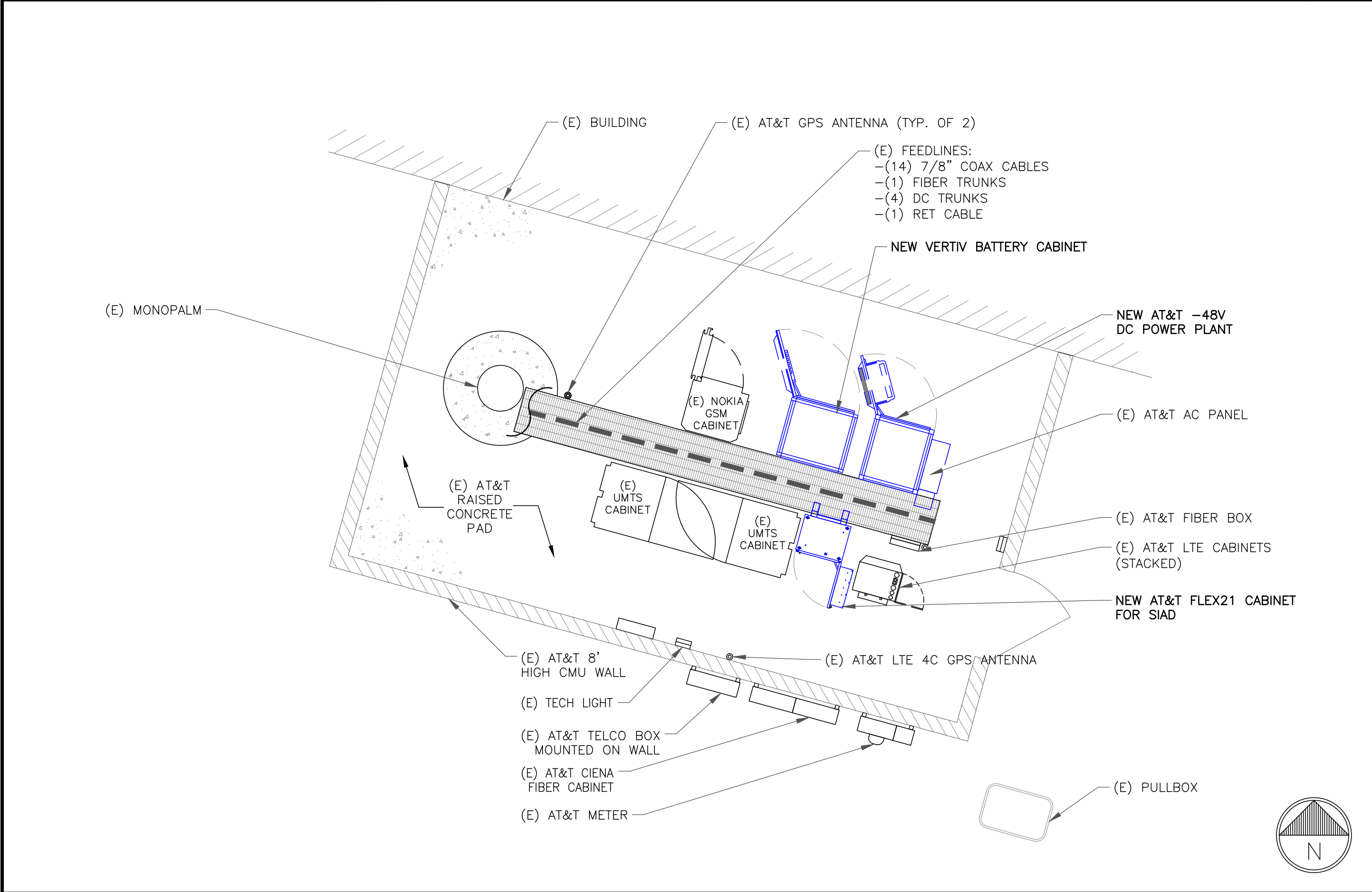
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EQUIPMENT PLAN-EXISTING

22"x34" SCALE: 1/2" = 1'-0"
11"x17" SCALE: 1/4" = 1'-0"

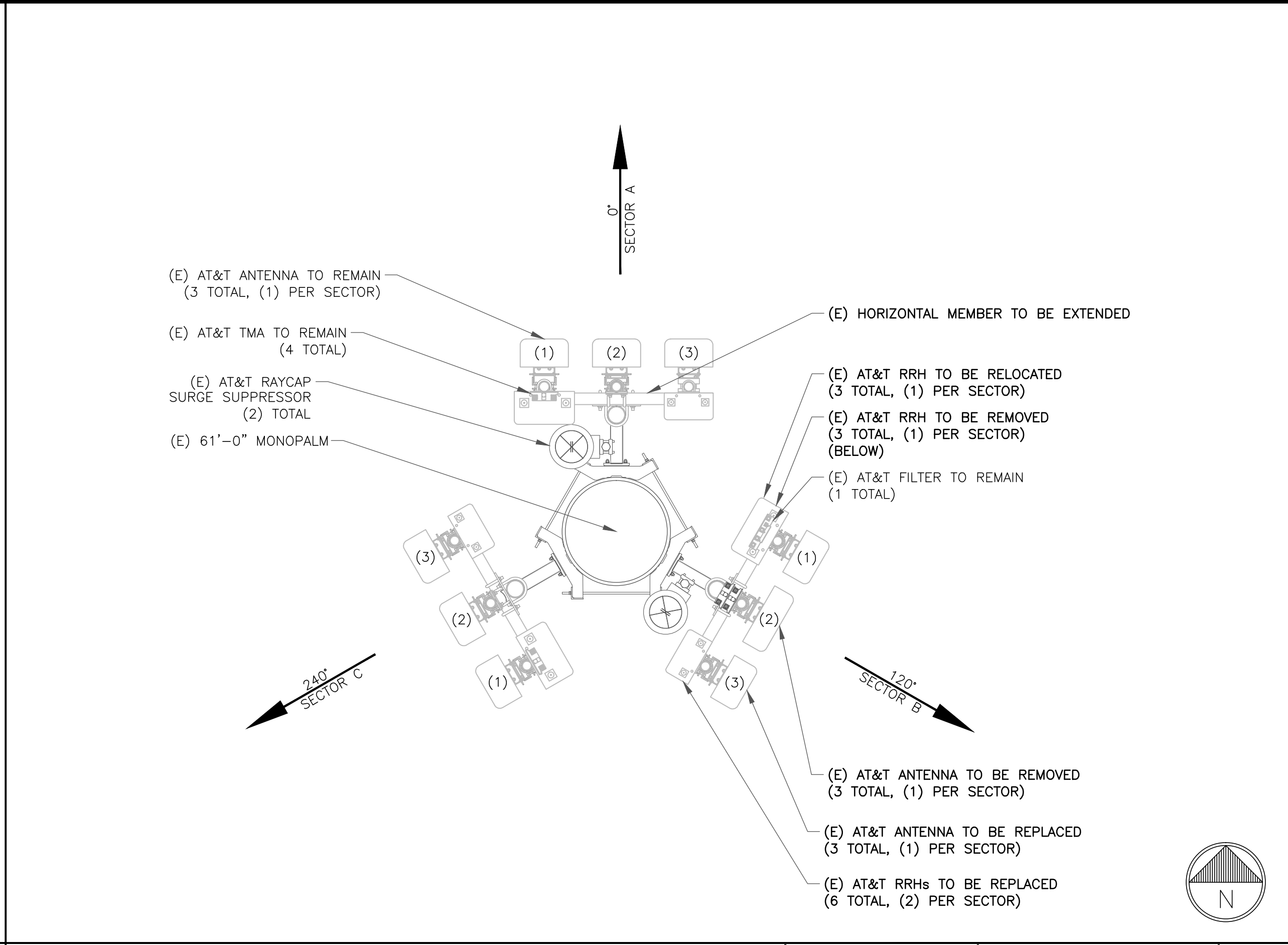
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EQUIPMENT PLAN-NEW

22"x34" SCALE: 1/2" = 1'-0"
11"x17" SCALE: 1/4" = 1'-0"

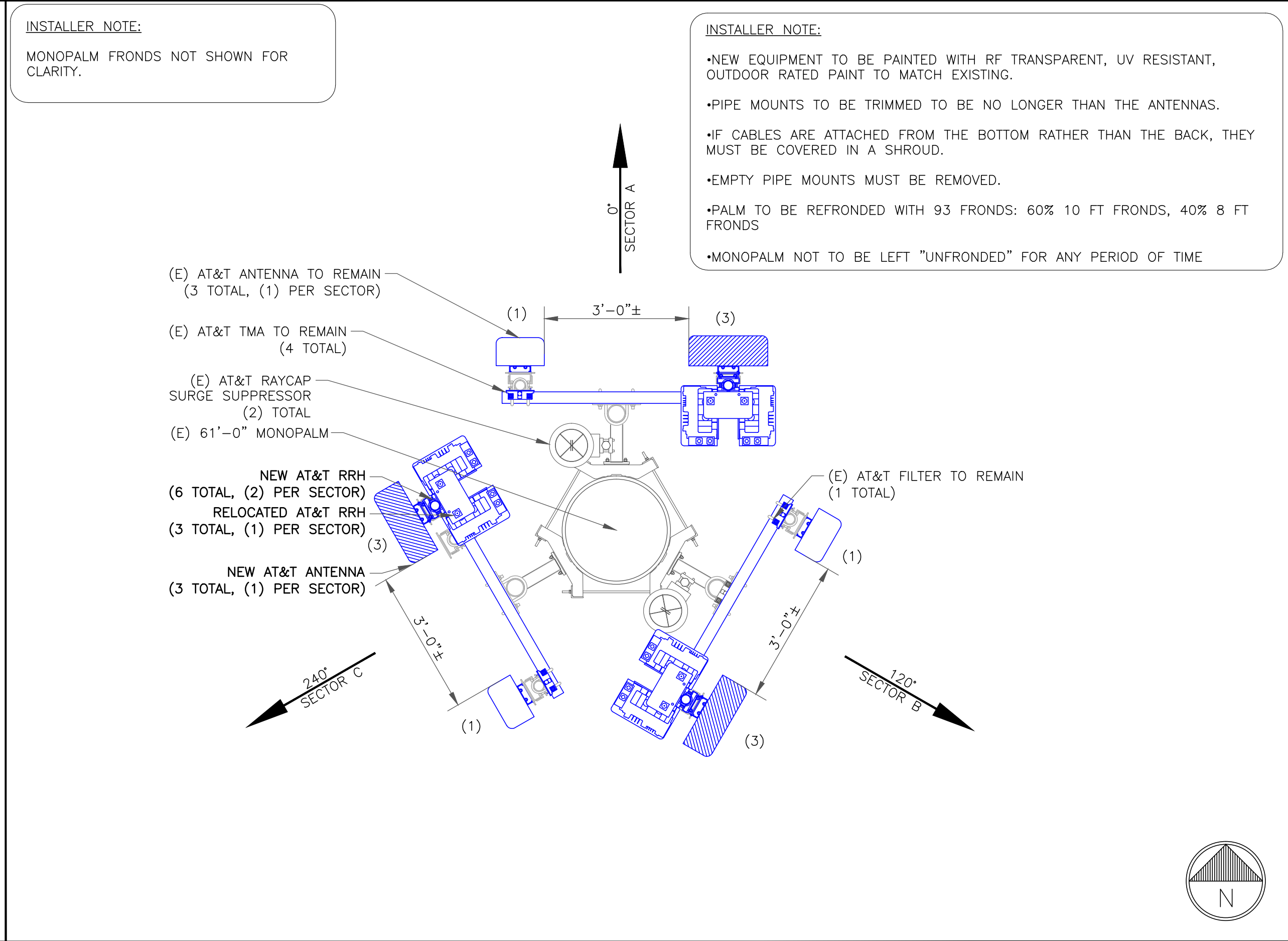
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ANTENNA LAYOUT - EXISTING

22"x34" SCALE: 1/2" = 1'-0"
11"x17" SCALE: 1/4" = 1'-0"

2



ANTENNA LAYOUT - NEW

22"x34" SCALE: 1/2" = 1'-0"
11"x17" SCALE: 1/4" = 1'-0"


4


1355 WEST UNIVERSITY DRIVE
MESA, AZ 85201-5419

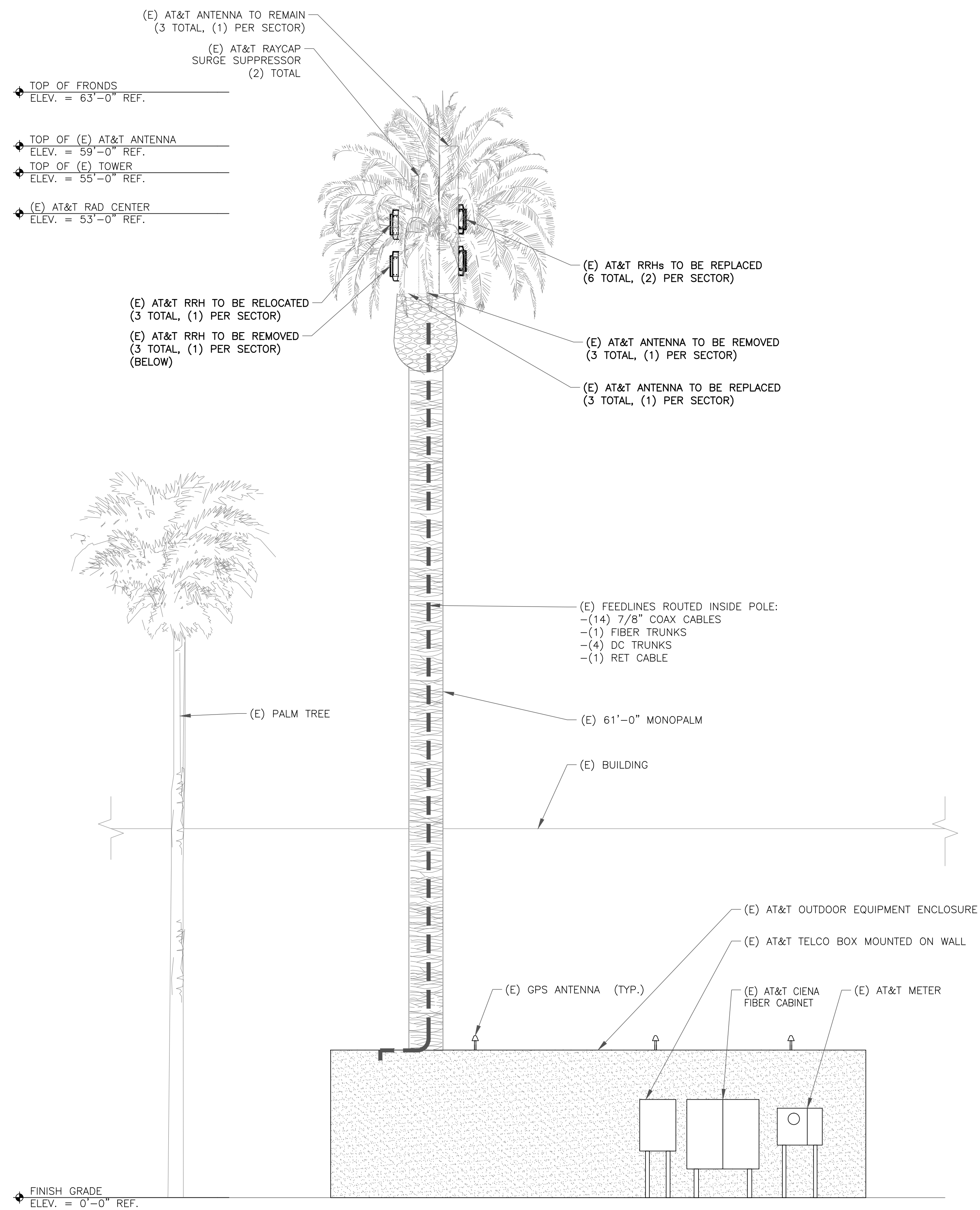
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CHANDLER, AZ 85286

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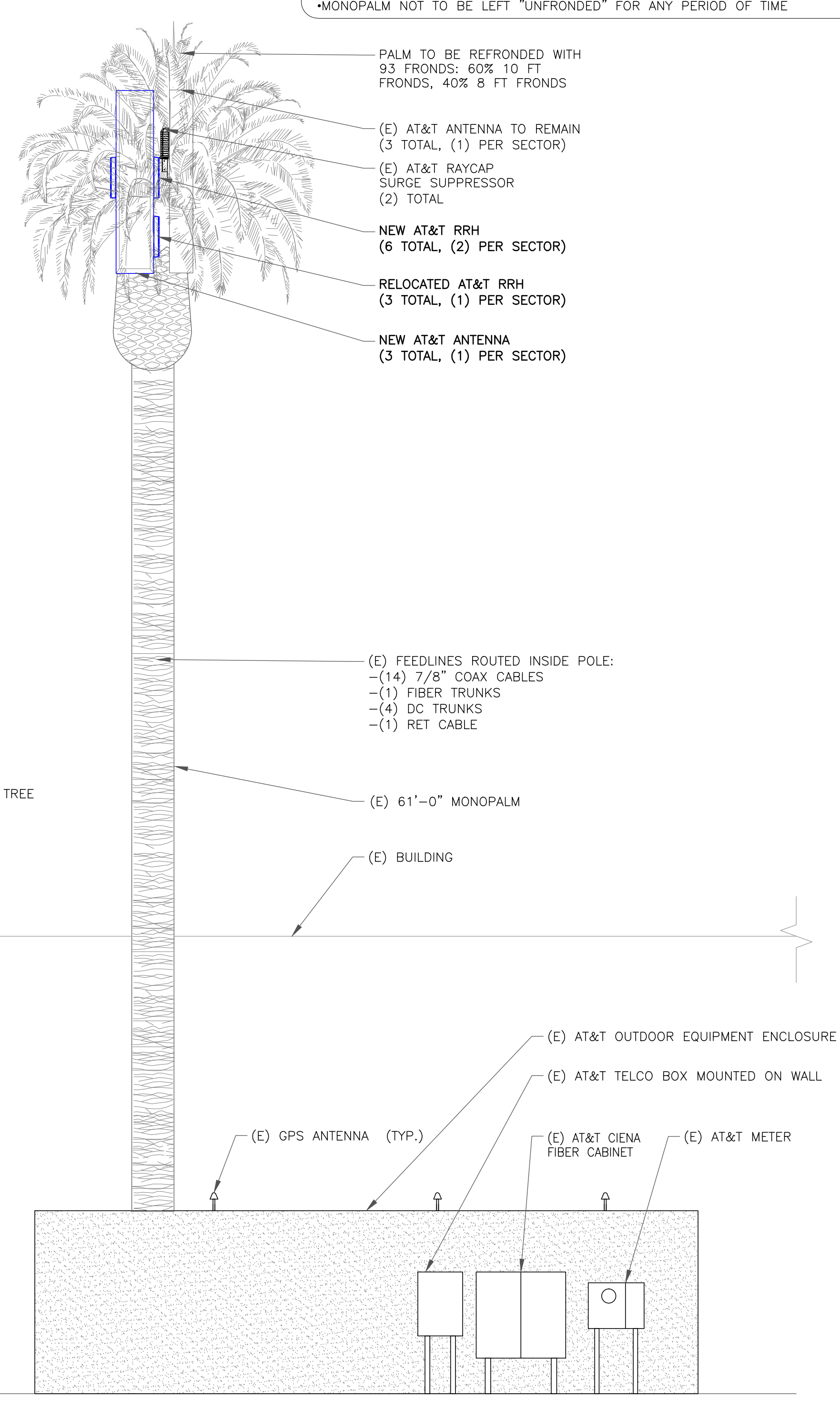
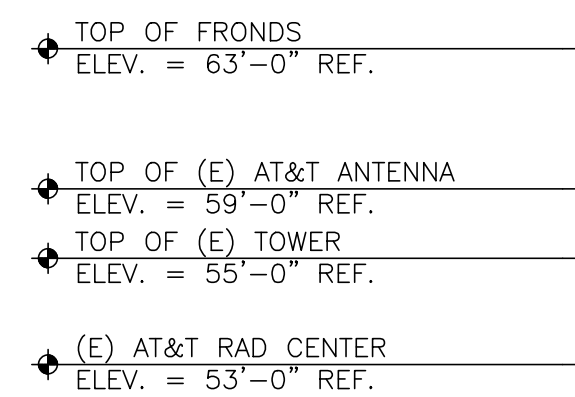

PROJECT INFORMATION:
846027
AZL00217
SCOTTSDALE PIMA INN
7330 NORTH PIMA ROAD
SCOTTSDALE, AZ 85258
MARICOPA COUNTY

DRAWN BY: APR
CHECKED BY: CW
SHEET TITLE:
EQUIPMENT AND ANTENNA LAYOUTS
SHEET NUMBER:
A-2
REV.:
2



INSTALLER NOTE:

TOWER DOES NOT HAVE CLIMBING FACILITIES - MANLIFT REQUIRED FOR ELEVATED WORK.



INSTALLER NOTE:

- NEW EQUIPMENT TO BE PAINTED WITH RF TRANSPARENT, UV RESISTANT, OUTDOOR RATED PAINT TO MATCH EXISTING.
- PIPE MOUNTS TO BE TRIMMED TO BE NO LONGER THAN THE ANTENNAS.
- IF CABLES ARE ATTACHED FROM THE BOTTOM RATHER THAN THE BACK, THEY MUST BE COVERED IN A SHROUD.
- EMPTY PIPE MOUNTS MUST BE REMOVED.
- PALM TO BE REFRONDED WITH 93 FRONDS: 60% 10 FT FRONDS, 40% 8 FT FRONDS
- MONOPALM NOT TO BE LEFT "UNFRONDED" FOR ANY PERIOD OF TIME



1355 WEST UNIVERSITY DRIVE
MESA, AZ 85201-5419

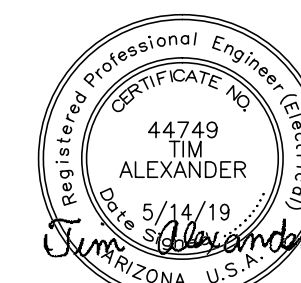
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CHANDLER, AZ 85286

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REV.	DATE	REVISION DESCRIPTION



EXPIRES 6-30-21

PROJECT INFORMATION:

846027
AZL00217
SCOTTSDALE PIMA INN
7330 NORTH PIMA ROAD
SCOTTSDALE, AZ 85258
MARICOPA COUNTY

DRAWN BY:

APR

CHECKED BY:

CW

SHEET TITLE:

ELEVATIONS
EXISTING & NEW

SHEET NUMBER:

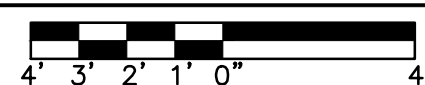
A-3

REV.:	
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2

SOUTHWEST ELEVATION – EXISTING

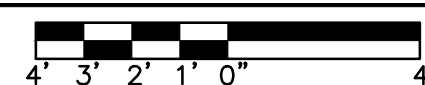
22"x34" SCALE: 1/4" = 1'-0"
11"x17" SCALE: 1/8" = 1'-0"



1

SOUTHWEST ELEVATION — NEW

22"x34" SCALE: 1/4" = 1'-0"
11"x17" SCALE: 1/8" = 1'-0"



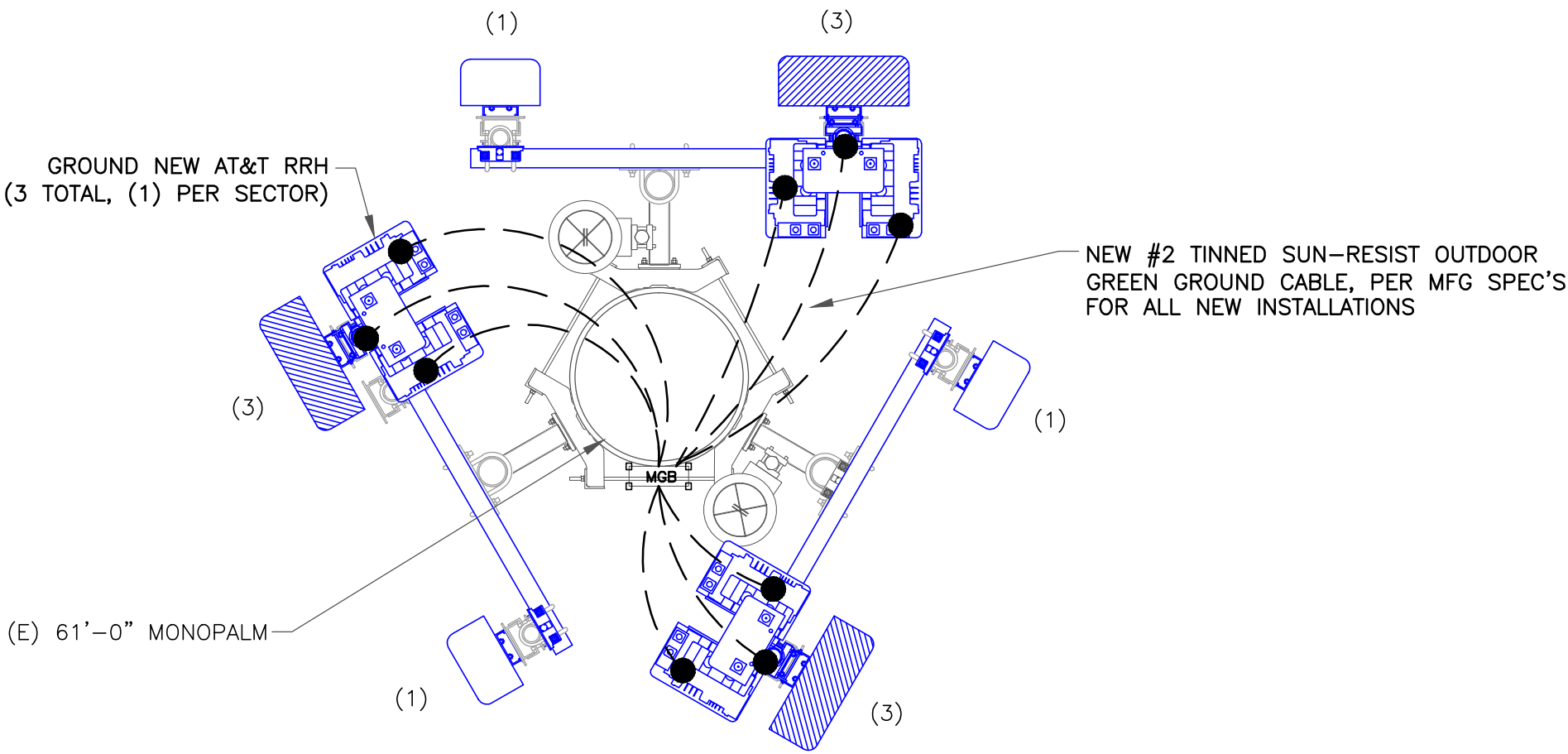
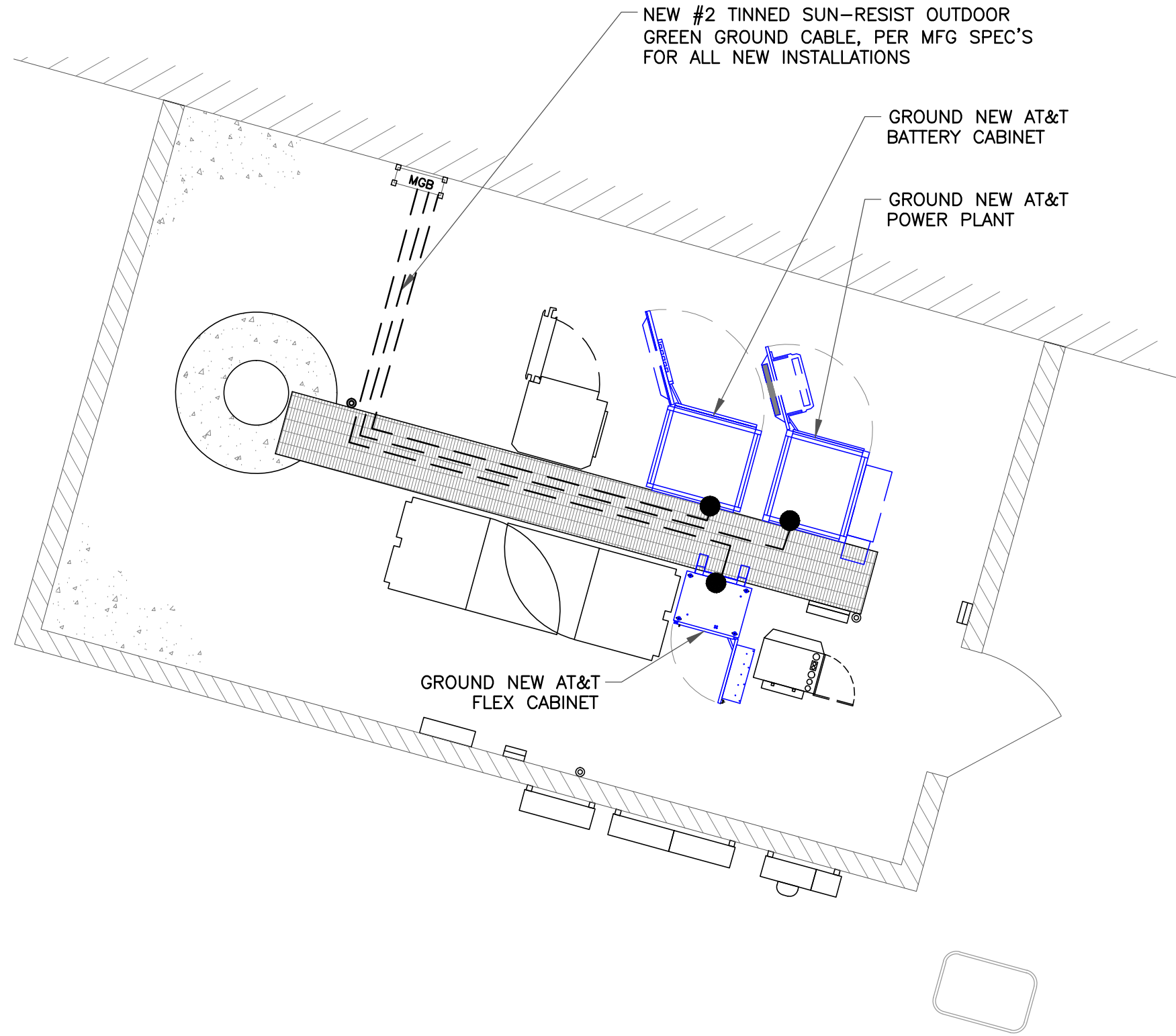
2

AC POWER PANEL No. 1 (Existing)														
120/240 VOLTS, 1-PHASE, 3-WIRE, 200														
MAIN BREAKER RATING (A) :					200		SYSTEM VOLTAGE (V) :				240			
DESCRIPTION	VA	c/nc	BKR	POSN	L1	L2	POSN	BKR	c/nc	VA	DESCRIPTION			
GFCI		nc	20	1	0		2				Spare			
Rectifier # 1		c	30/2	3		0	4	30/2						
		c		5	0		6	15			Spare / off			
Rectifier # 2		c	30/2	7		180	8	15	nc	180	GFCI recept			
		c		9	1636		10	20	c	1636	Batt Cab HVAC			
Rectifier # 3		c	30/2	11		180	12	20	nc	180	Batt Cab GFCI			
		c		13	1636		14	20	c	1636	Batt Cab hvac			
Rectifier # 4		c	30/2	15		180	16	20	nc	180	Batt Cab GFCI			
		c		17	360		18	20	nc	360	Tech Lights			
Rectifier # 5		c	30/2	19		1600	20	20/2	c	1600	UMTS HVAC			
		c		21	1600		22		c	1600				
Rectifier # 6		c	30/2	23		180	24	20	nc	180	UMTS cab GFCI			
		c		25	1600		26	20/2	c	1600	UMTS HVAC			
Spare			30/2	27		1600	28		c	1600				
				29	180		30	20	nc	180	UMTS Cab GFCI			
PHASE TOTALS (VA):					7012	3920								
CURRENT PER PHASE (A):					72	39	Amperes/phase cannot exceed main breaker rating							
PANEL TOTAL (VA):					10932		Legend: c = continuous, nc = non-continuous							

AC POWER PANEL No. 1 (PROPOSED)												
120/240 VOLTS, 1-PHASE, 3-WIRE, 200												
MAIN BREAKER RATING (A) :					200		SYSTEM VOLTAGE (V) :				240	
DESCRIPTION	VA	c/nc	BKR	POSN	L1	L2	POSN	BKR	c/nc	VA	DESCRIPTION	
GFCI	180	nc	20	1	180		2	30/2			Spare	
Rectifier # 1 & 2	1725	c	30/2	3		1725	4					
	1725	c		5	1725		6	15			Spare / off	
Rectifier # 3 & 4	1725	c	30/2	7		1905	8	15	nc	180	GFCI recept	
	1725	c		9	3361		10	20	c	1636	Batt Cab HVAC	
Rectifier # 5 & 6	1725	c	30/2	11		1905	12	20	nc	180	Batt Cab GFCI	
	1725	c		13	3361		14	20	c	1636	Batt Cab hvac	
Rectifier # 7 & 8	1725	c	30/2	15		1905	16	20	nc	180	Batt Cab GFCI	
	1725	c		17	2085		18	20	nc	360	Tech Lights	
Spare / off			30/2	19		1600	20	20/2	c	1600	UMTS HVAC	
				21	1600		22		c	1600		
Spare / off			30/2	23		180	24	20	nc	180	UMTS cab GFCI	
				25	1600		26	20/2	c	1600	UMTS HVAC	
Spare / off			30/2	27		1600	28		c	1600		
				29	180		30	20	nc	180	UMTS Cab GFCI	
PHASE TOTALS (VA):					14092	10820						
CURRENT PER PHASE (A):					145	111	Amperes/phase cannot exceed main breaker rating					
PANEL TOTAL (VA):					24912		Legend: c = continuous, nc = non-continuous					

EXISTING A/C PANEL

MODIFIED EXISTING A/C PANEL



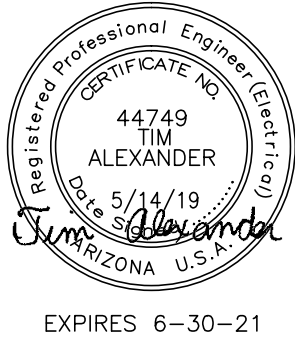
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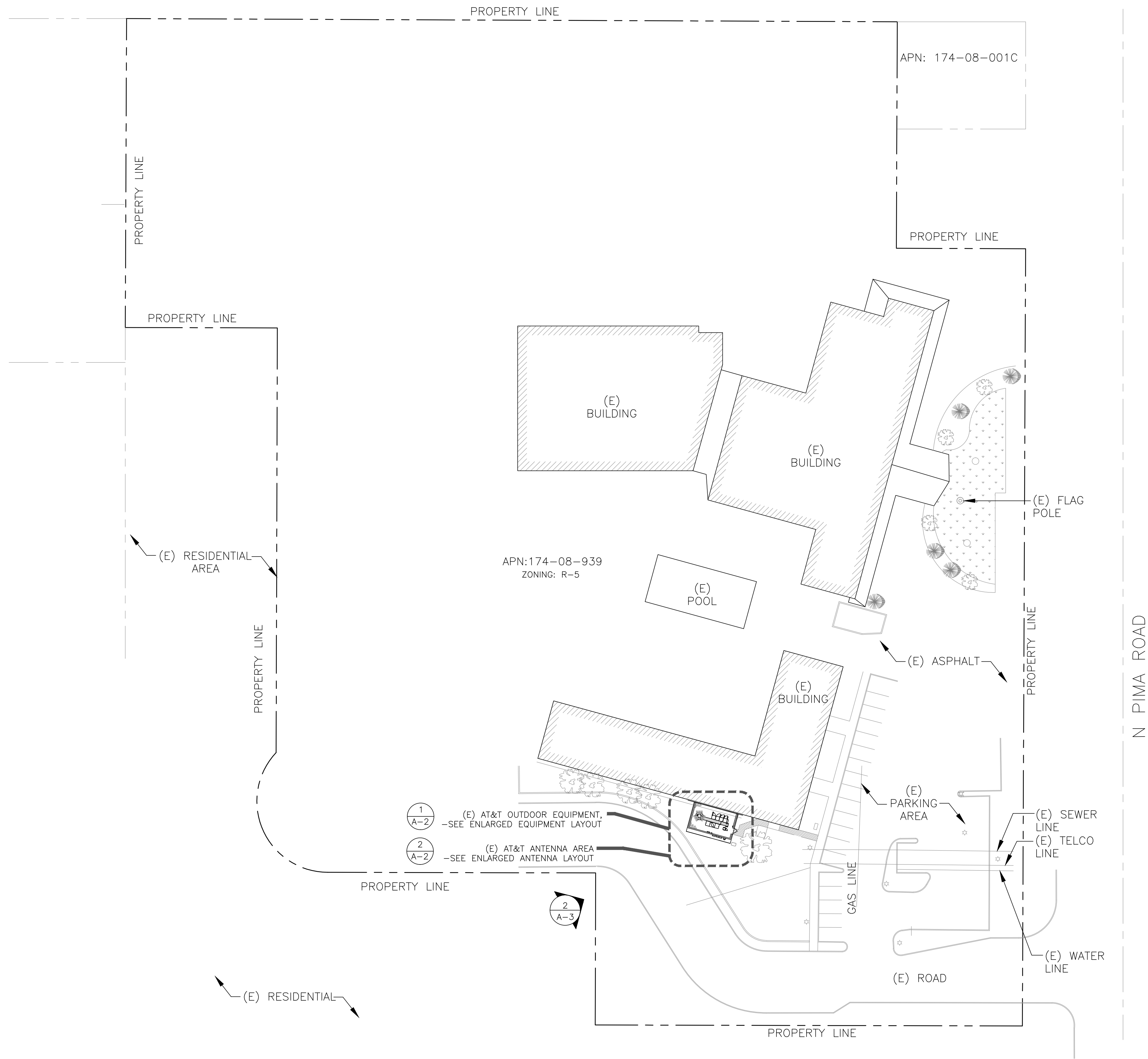
DRAWN BY: APR
CHECKED BY: CW

SHEET TITLE:
ELECTRICAL PANEL & GROUNDING PLAN

SHEET NUMBER: E-1
REV.: 2

EQUIPMENT GROUNDING PLAN

ANTENNA GROUNDING PLAN



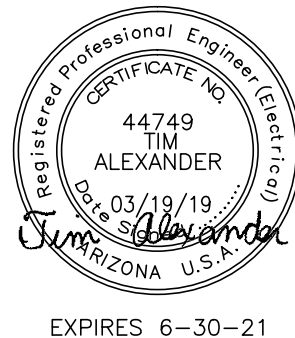
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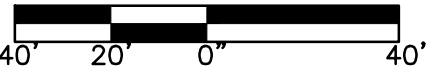
DRAWN BY: APR	CHECKED BY: CW
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SHEET TITLE:
SITE PLAN

SHEET NUMBER: A-1	REV.: 0
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SITE PLAN

22"x34" SCALE: 1" = 40'-0"
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PROJECT TEAM

PROJECT OWNER

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CONSTRUCTION CONTACT NAME: JOE ALBANO

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GENERAL NOTES

DO NOT SCALE DRAWINGS

CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE; NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED.

CONTACT INSPECTION DEPARTMENT IN SCOTTSDALE FOR PRE-CON MEETING.

PRE-CONSTRUCTION MEETING REQUIRED, CONTACT CITY OF SCOTTSDALE INSPECTION SERVICES 480-312-5796.

SITE INFORMATION

LATITUDE: 33.5442472
LONGITUDE: -111.8923528
LAT./LONG. TYPE: NAD 83
GROUND ELEVATION: 1299.2' MSL
APN #: 174-08-939
AREA OF CONSTRUCTION: EXISTING
ZONING/JURISDICTION: CITY OF SCOTTSDALE
CURRENT ZONING: R-5
EXISTING USE: UNMANNED TELECOMMUNICATIONS FACILITY
COUNTY: MARICOPA COUNTY
HANDICAP REQUIREMENTS: FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS NOT REQUIRED.

CALL ARIZONA ONE CALL
(800) 782-5348
CALL 3 WORKING DAYS
BEFORE YOU DIG!

AZL00217 138903/380831 344401

SCOTTSDALE PIMA INN

7330 NORTH PIMA ROAD

SCOTTSDALE, AZ 85258

FA: 10091225

USID: 10785

PTN: 3901A0J39V 4TX4RX, 3901A0J3BW 4TX4RX,

3901A0J32E BWE, 3901A0BC3R LTE 5C - AZL00217



DRIVING DIRECTIONS

FROM AT&T OFFICE: 1355 WEST UNIVERSITY DRIVE, MESA, AZ 85201-5419:
HEAD EAST TOWARD W UNIVERSITY DR 226 FT, TURN LEFT TOWARD W UNIVERSITY DR 131 FT, TURN LEFT ONTO W UNIVERSITY DR 1.8 MI, TURN RIGHT ONTO N PRICE RD 0.5 MI, USE THE MIDDLE 2 LANES TO TAKE THE RAMP ONTO AZ-101 LOOP N 0.3 MI, MERGE ONTO AZ-101 LOOP N 7.0 MI, TAKE EXIT 44 FOR INDIAN BEND RD 0.3 MI, USE THE LEFT 2 LANES TO TURN LEFT ONTO TALKING STICK WAY 0.6 MI, TURN RIGHT ONTO N PIMA RD 0.4 MI, TURN LEFT ONTO INNER CIR 167 FT, TURN RIGHT TO STAY ON INNER CIR. DESTINATION WILL BE ON THE LEFT 479 FT.

CODE COMPLIANCE

BUILDING CODE: INTERNATIONAL BUILDING CODE 2015
ELECTRICAL CODE: NATIONAL ELECTRICAL CODE 2014
LIGHTNING PROTECTION CODE: NFPA 780 - 2014, LIGHTNING PROTECTION SYSTEM

SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION. THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

RFDS DATA

DESIGN PACKAGE BASED ON RF DATA SHEET
RFDS NAME: AZL00217
REVISION: 1.00
ISSUED: 01/09/2019

NUMBER OF SECTORS: 3
NUMBER OF ANTENNAS: 6
NUMBER OF TMAs: 4
NUMBER OF RRHs: 9
NUMBER OF FIBER/DC SQUIDS: 1
NUMBER OF DC SQUIDS: 1
NUMBER OF OPTICAL TRUNK CABLES: 1
NUMBER OF DC TRUNK CABLES: 4
NUMBER OF RF CABLES: 14
NUMBER OF RET CABLES: 1
NUMBER OF WCS FILTER: 1

APPROVALS

AT&T (RF): _____ DATE: _____
AT&T (CONST.): _____ DATE: _____
AT&T (SAM): _____ DATE: _____
LANDLORD: _____ DATE: _____
LANDLORD: _____ DATE: _____

JURISDICTIONAL APPROVAL

PROJECT DESCRIPTION

THIS PROJECT WILL BE COMPRISED OF:
CHANGES ON THE EXISTING MONOPALM:
• REMOVE (1) ANTENNA PER SECTOR, TOTAL OF (3)
• REMOVE (1) RRH PER SECTOR, TOTAL OF (3)
• REPLACE (1) ANTENNA PER SECTOR, TOTAL OF (3)
• REPLACE (2) RRHs PER SECTOR, TOTAL OF (6)
• RELOCATE (1) RRH PER SECTOR, TOTAL OF (3)

CHANGES IN THE EXISTING AT&T EQUIPMENT ENCLOSURE AREA:
• INSTALL (1) EA. NEW -48VDC PURCELL FLX21 CABINET.

AC/DC SCOPE:
DC POWER PLAN REVIEW:
• REPLACE (E) POWER PLANT W/(1) NEW NETSURE 512 -48VDC POWER PLANT [NEQ15917] OUTFITTED WITH (9) EA. HE 2KW -48VDC RECTIFIERS [NEQ15930] & (3) EA. HE 1.5KW -48VDC/+24VDC CONVERTER MODULES [NEQ15929].
• DC BREAKER;
(2) 15A 7705 SIAD [NEQ.00706]
(3) 150A UMTS [NEQ.00714]
(1) 100A BBU [NEQ.00187]
(3) 50A AIRSCALE DUAL RRH B12/14 [NEQ.00710]
(3) 50A AIRSCALE DUAL RRH B25/66 [NEQ.00710]
(3) 20A RRH 4X25 - WCS [NEQ.00466]
(2) 60A FUSE PANEL [NEQ.00711]

BATTERY CHECK:
• RECONFIGURE & REUTILIZE (40) MARATHON M12V155FT BATTERIES I.E. (10) STRINGS @ -48VDC FOR OF A TOTAL OF 9.81 HRS OF BATTERY RESERVE.

A/C PANEL REVIEW:
• SEE PANEL SCHEDULE

HVAC UNITS:
• NO WORK - OUTDOOR EQUIPMENT

SHEET DESCRIPTION

T-1 TITLE SHEET
A-1 SITE PLAN
A-2 EQUIPMENT & ANTENNA LAYOUTS
A-3 ELEVATIONS - EXISTING & NEW
E-1 ELECTRICAL PANEL & GROUNDING PLAN

DRAWINGS HAVE BEEN FORMATTED FOR 22"x34"
CONTRACTOR TO REFERENCE PACKAGE "B" FOR SCHEMATICS, WIRING
DIAGRAMS AND DETAILS.

1355 WEST UNIVERSITY DRIVE
MESA, AZ 85201-5419

THE INFORMATION CONTAINED IN THIS SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO AT&T WIRELESS
ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED

2055 SOUTH STEARMAN DRIVE
CHANDLER, AZ 85286

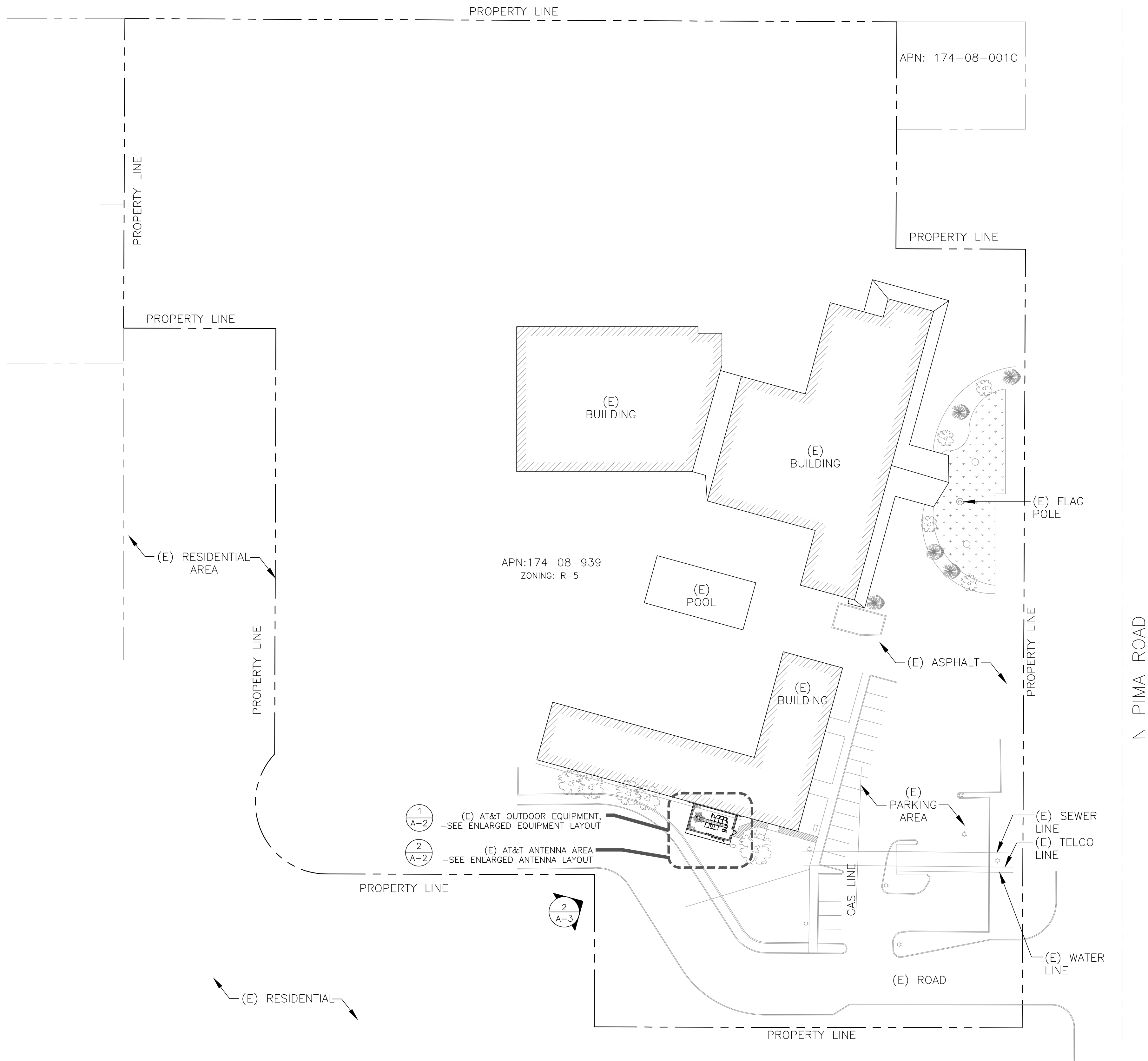
0	03/18/19	SUBMITTAL CD'S
REV.	DATE	REVISION DESCRIPTION

PROJECT INFORMATION:
846027
AZL00217
SCOTTSDALE PIMA INN
7330 NORTH PIMA ROAD
SCOTTSDALE, AZ 85258
MARICOPA COUNTY

DRAWN BY: APR
SHEET TITLE: TITLE SHEET
SHEET NUMBER: T-1

CHECKED BY: CW
REV.: 0

38-UP-2011#2
05/17/2019



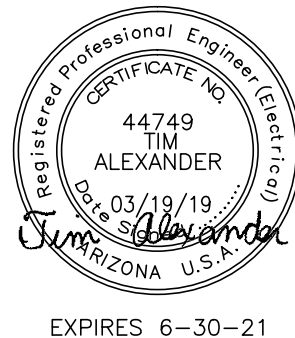
1355 WEST UNIVERSITY DRIVE
MESA, AZ 85201-5419

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2055 SOUTH STEARMAN DRIVE
CHANDLER, AZ 85286

0	03/18/19	SUBMITTAL CD'S
REV.	DATE	REVISION DESCRIPTION

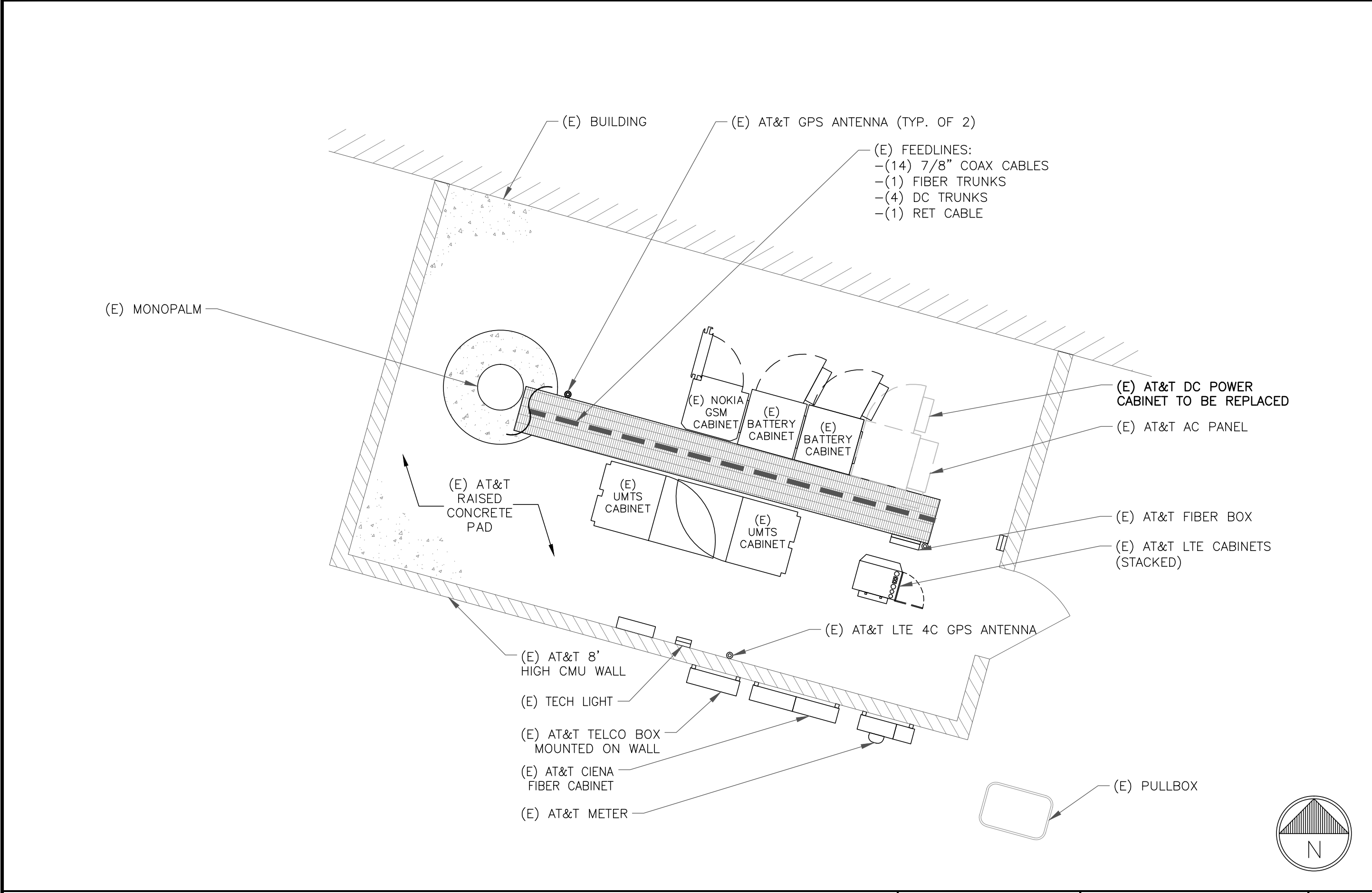


PROJECT INFORMATION:
846027
AZL00217
SCOTTSDALE PIMA INN
7330 NORTH PIMA ROAD
SCOTTSDALE, AZ 85258
MARICOPA COUNTY

DRAWN BY: APR
CHECKED BY: CW

SHEET TITLE:
SITE PLAN

SHEET NUMBER: A-1
REV.: 0

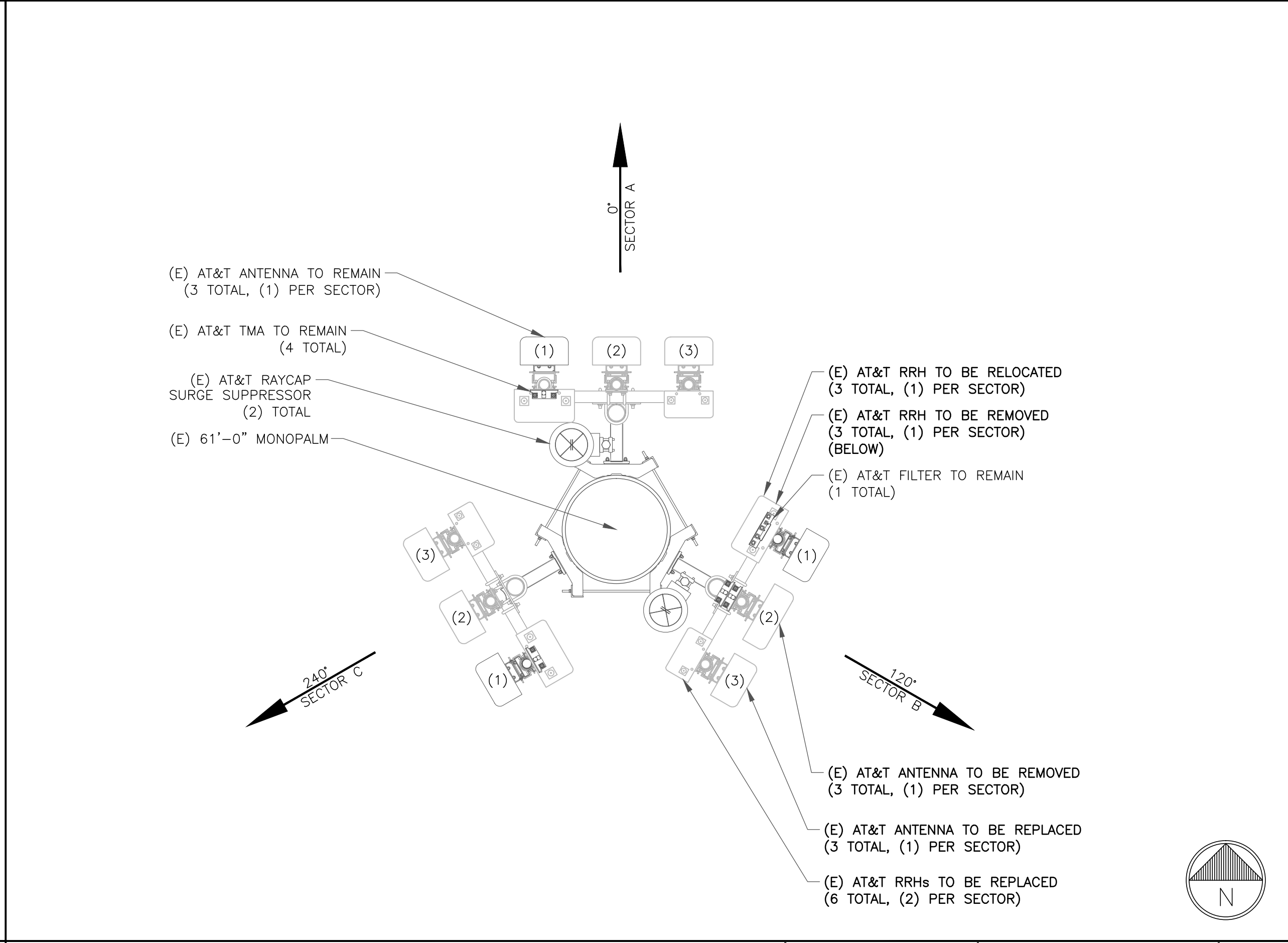


EQUIPMENT PLAN-EXISTING

22"x34" SCALE: 1/2" = 1'-0"
11"x17" SCALE: 1/4" = 1'-0"

2' 1' 0" 2'

1

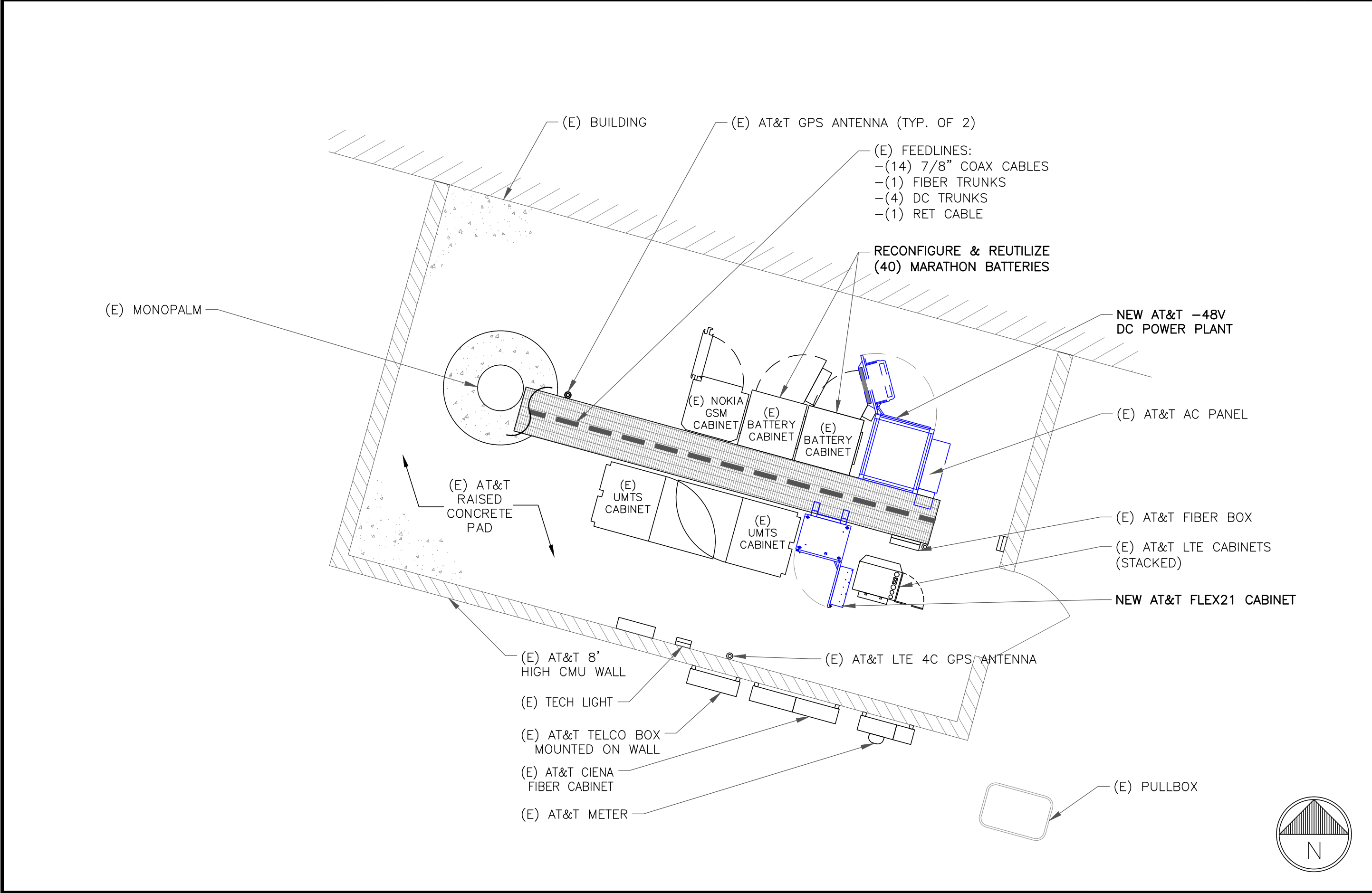


ANTENNA LAYOUT - EXISTING

22"x34" SCALE: 1/2" = 1'-0"
11"x17" SCALE: 1/4" = 1'-0"

2' 1' 0" 2'

2

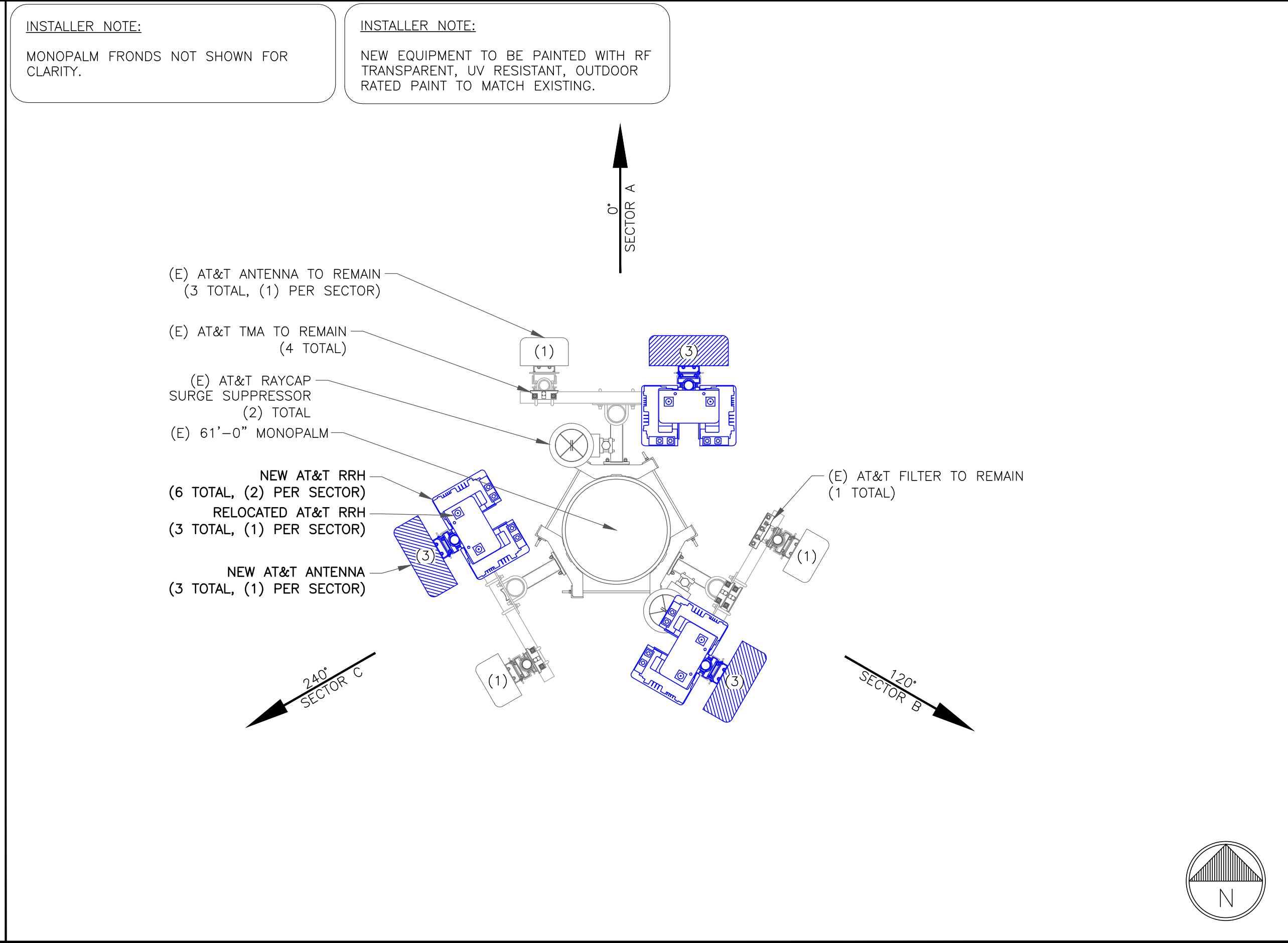


EQUIPMENT PLAN-NEW

22"x34" SCALE: 1/2" = 1'-0"
11"x17" SCALE: 1/4" = 1'-0"

2' 1' 0" 2'

3



ANTENNA LAYOUT - NEW

22"x34" SCALE: 1/2" = 1'-0"
11"x17" SCALE: 1/4" = 1'-0"

2' 1' 0" 2'

4

1355 WEST UNIVERSITY DRIVE
MESA, AZ 85201-5419

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2055 SOUTH STEARMAN DRIVE
CHANDLER, AZ 85286

0	03/18/19	SUBMITTAL CD'S
REV.	DATE	REVISION DESCRIPTION

PROJECT INFORMATION:

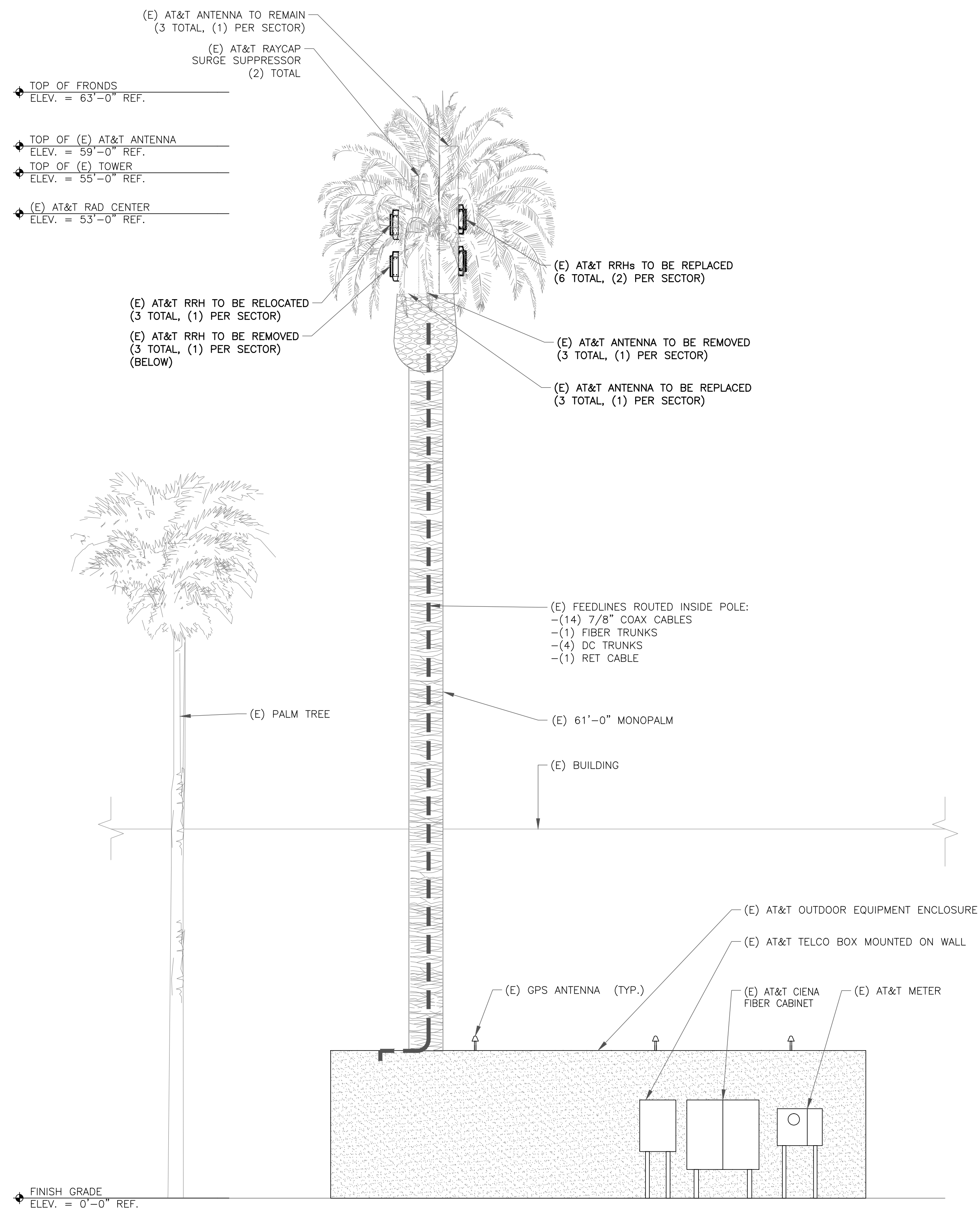
846027
AZL00217
SCOTTSDALE PIMA INN
7330 NORTH PIMA ROAD
SCOTTSDALE, AZ 85258
MARICOPA COUNTY

DRAWN BY:	CHECKED BY:
APR	CW

SHEET TITLE:

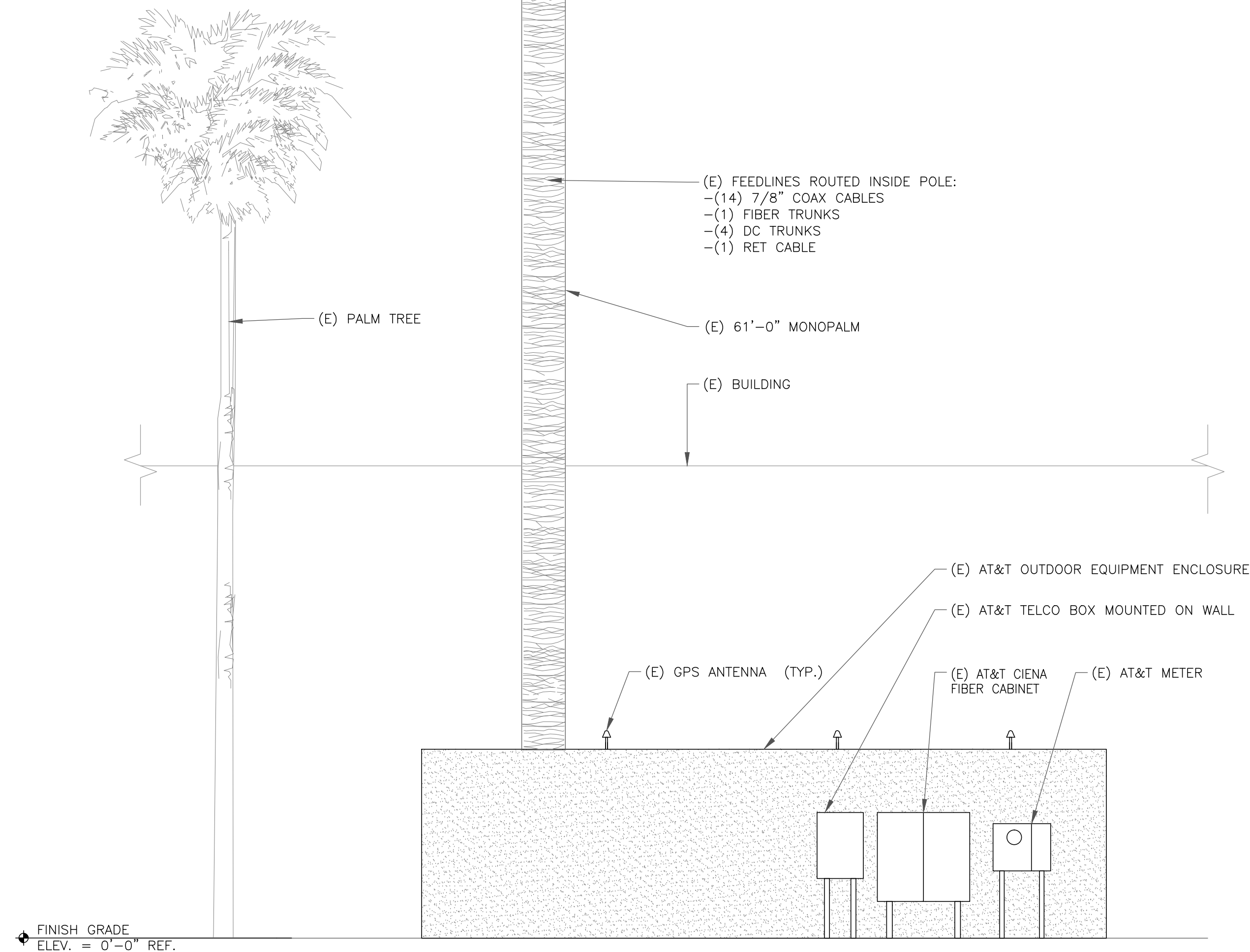
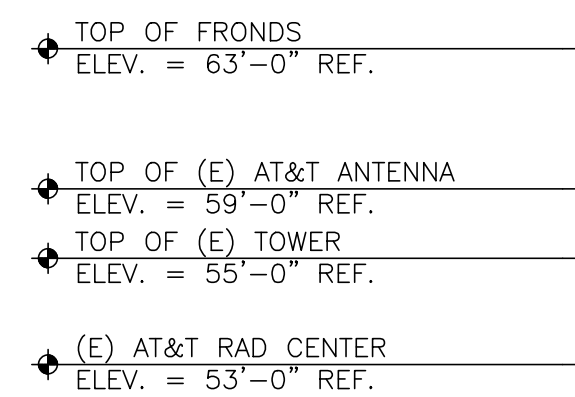
EQUIPMENT AND ANTENNA LAYOUTS

SHEET NUMBER:	REV.:
A-2	0



INSTALLER NOTE:

TOWER DOES NOT HAVE CLIMBING FACILITIES - MANLIFT REQUIRED FOR ELEVATED WORK.



INSTALLER NOTE:

- NEW EQUIPMENT TO BE PAINTED WITH RF TRANSPARENT, UV RESISTANT, OUTDOOR RATED PAINT TO MATCH EXISTING.

- PIPE MOUNTS TO BE TRIMMED TO BE NO LONGER THAN THE ANTENNAS.

- IF CABLES ARE ATTACHED FROM THE BOTTOM RATHER THAN THE BACK, THEY MUST BE COVERED IN A SHROUD.

- EMPTY PIPE MOUNTS MUST BE REMOVED.



1355 WEST UNIVERSITY DRIVE
MESA, AZ 85201-5419

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2055 SOUTH STEARMAN DRIVE
CHANDLER, AZ 85286

0	03/18/19	SUBMITTAL CD'S
REV.	DATE	REVISION DESCRIPTION



EXPIRES 6-30-21

PROJECT INFORMATION:

846027
AZL00217
SCOTTSDALE PIMA INN
7330 NORTH PIMA ROAD
SCOTTSDALE, AZ 85258
MARICOPA COUNTY

DRAWN BY: APR	CHECKED BY: CW
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SHEET TITLE:

ELEVATIONS
EXISTING & NEW

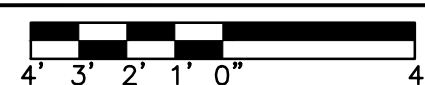
SHEET NUMBER:	REV.:
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A-3

C

SOUTHWEST ELEVATION — EXISTING

22"x34" SCALE: 1/4" = 1'-0"
11"x17" SCALE: 1/8" = 1'-0"



1

SOUTHWEST ELEVATION – NEW

22"x34" SCALE: 1/4" = 1'-0"
11"x17" SCALE: 1/8" = 1'-0"

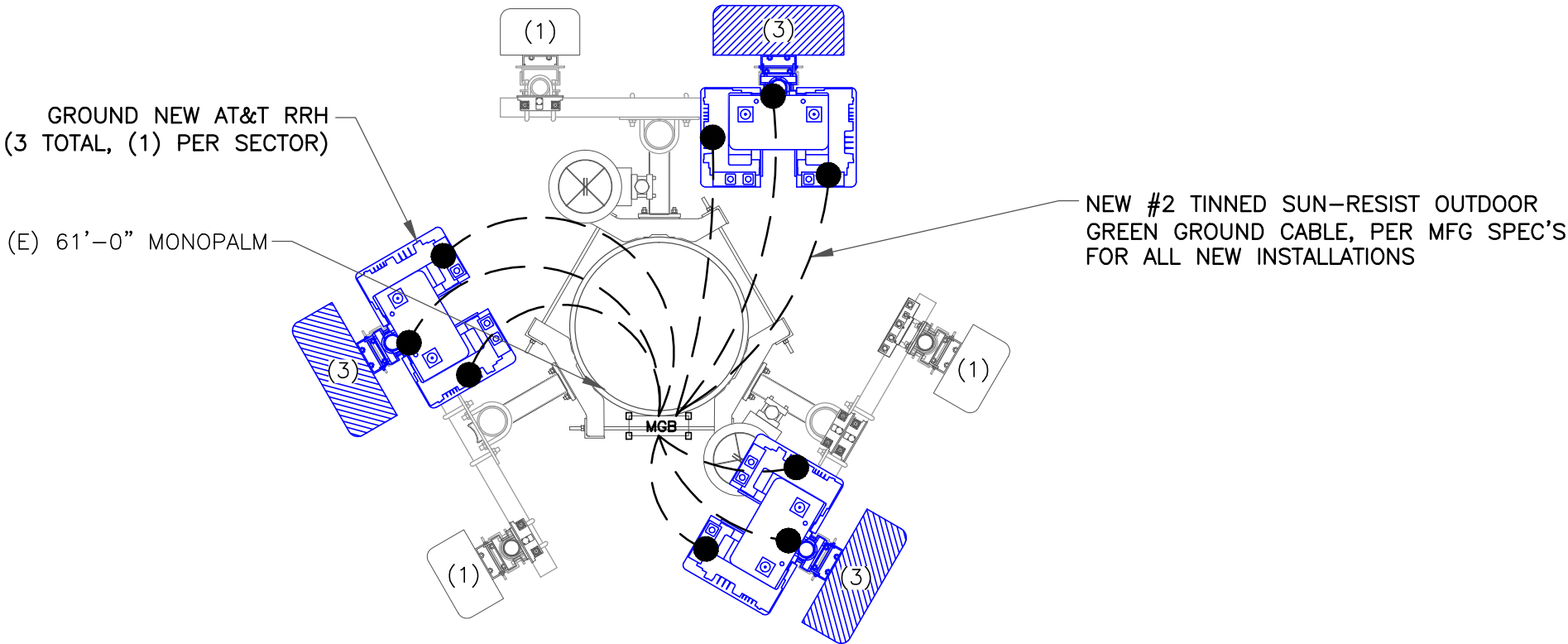
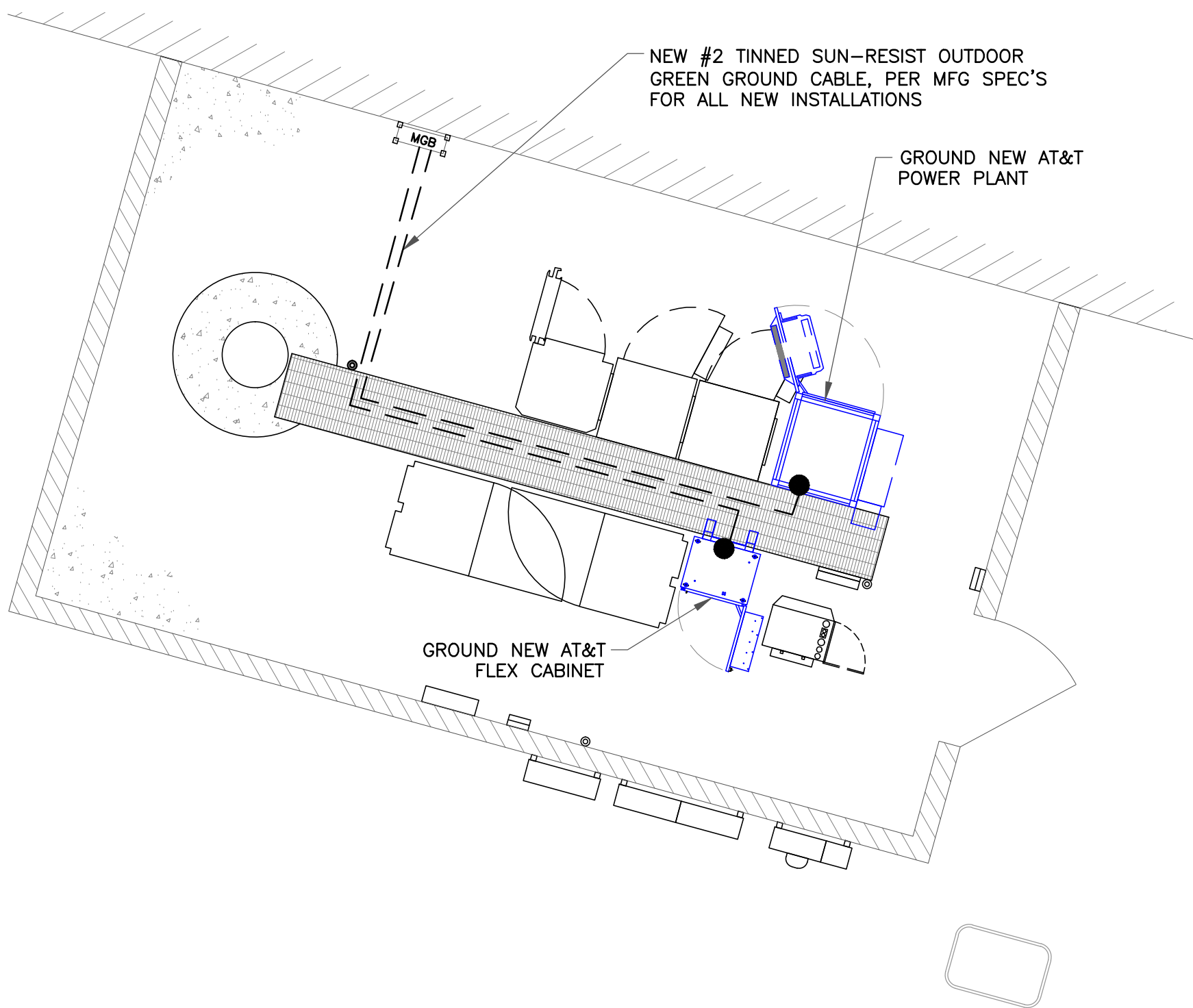


AC POWER PANEL No. 1 (Existing)											
120/240 VOLTS, 1-PHASE, 3-WIRE, 200											
MAIN BREAKER RATING (A) :				200		SYSTEM VOLTAGE (V) : 240					
DESCRIPTION	VA	c/nc	BKR	POSN	L1	L2	POSN	BKR	c/nc	VA	DESCRIPTION
GFCI		nc	20	1	0		2				Spare
Rectifier # 1		c	30/2	3		0	4	30/2			
		c		5	0		6	15			Spare / off
Rectifier # 2		c	30/2	7		180	8	15	nc	180	GFCI recept
		c		9	1636		10	20	c	1636	Batt Cab HVAC
Rectifier # 3		c	30/2	11		180	12	20	nc	180	Batt Cab GFCI
		c		13	1636		14	20	c	1636	Batt Cab hvac
Rectifier # 4		c	30/2	15		180	16	20	nc	180	Batt Cab GFCI
		c		17	360		18	20	nc	360	Tech Lights
Rectifier # 5		c	30/2	19		1600	20	20/2	c	1600	UMTS HVAC
		c		21	1600		22		c	1600	
Rectifier # 6		c	30/2	23		180	24	20	nc	180	UMTS cab GFCI
		c		25	1600		26	20/2	c	1600	UMTS HVAC
Spare			30/2	27		1600	28		c	1600	
				29	180		30	20	nc	180	
PHASE TOTALS (VA):					7012	3920					
CURRENT PER PHASE (A):					72	39	Amperes/phase cannot exceed main breaker rating				
PANEL TOTAL (VA):					10932		Legend: c = continuous, nc = non-continuous				

AC POWER PANEL No. 1 (PROPOSED)												
120/240 VOLTS, 1-PHASE, 3-WIRE, 200												
MAIN BREAKER RATING (A) :					200		SYSTEM VOLTAGE (V) :				240	
DESCRIPTION	VA	c/nc	BKR	POSN	L1	L2	POSN	BKR	c/nc	VA	DESCRIPTION	
GFCI	180	nc	20	1	180		2	30/2			Spare	
Rectifier # 1 & 2	1725	c	30/2	3		1725	4					
	1725	c		5	1725		6	15			Spare / off	
Rectifier # 3 & 4	1725	c	30/2	7		1905	8	15	nc	180	GFCI recept	
	1725	c		9	3361		10	20	c	1636	Batt Cab HVAC	
Rectifier # 5 & 6	1725	c	30/2	11		1905	12	20	nc	180	Batt Cab GFCI	
	1725	c		13	3361		14	20	c	1636	Batt Cab hvac	
Rectifier # 7 & 8	1725	c	30/2	15		1905	16	20	nc	180	Batt Cab GFCI	
	1725	c		17	2085		18	20	nc	360	Tech Lights	
Spare / off			30/2	19		1600	20	20/2	c	1600	UMTS HVAC	
				21	1600		22		c	1600		
Spare / off			30/2	23		180	24	20	nc	180	UMTS cab GFCI	
				25	1600		26	20/2	c	1600		
Spare / off			30/2	27		1600	28		c	1600	UMTS HVAC	
				29	180		30	20	nc	180		
PHASE TOTALS (VA):					14092	10820						
CURRENT PER PHASE (A):					145	111	Amperes/phase cannot exceed main breaker rating					
PANEL TOTAL (VA):					24912	Legend: c = continuous, nc = non-continuous						

EXISTING A/C PANEL

MODIFIED EXISTING A/C PANEL



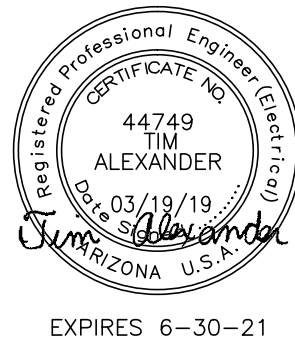
1355 WEST UNIVERSITY DRIVE
MESA, AZ 85201-5419

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2055 SOUTH STEARMAN DRIVE
CHANDLER, AZ 85286

REV.	DATE	REVISION DESCRIPTION
0	03/18/19	SUBMITTAL CD'S



PROJECT INFORMATION:

846027
AZL00217
SCOTTSDALE PIMA INN
7330 NORTH PIMA ROAD
SCOTTSDALE, AZ 85258
MARICOPA COUNTY

DRAWN BY: APR
CHECKED BY: CW

SHEET TITLE:
ELECTRICAL PANEL
& GROUNDING PLAN

SHEET NUMBER: E-1
REV.: 0

EQUIPMENT GROUNDING PLAN

22"x34" SCALE: 1/4" = 1'-0"
11"x17" SCALE: 1/8" = 1'-0"

ANTENNA GROUNDING PLAN

22"x34" SCALE: 1/2" = 1'-0"
11"x17" SCALE: 1/4" = 1'-0"